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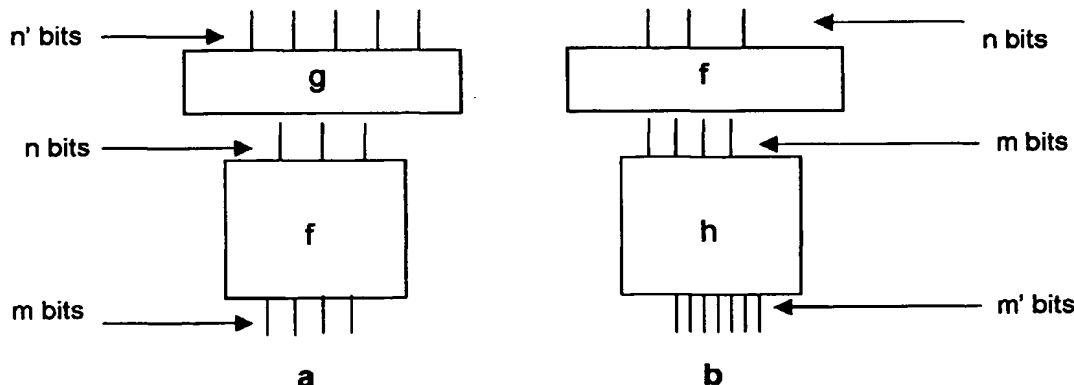
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02 02918 **7 March 2002 (07.03.2002) FR**(71) Applicant (for all designated States except US):
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.(54) Title: **METHOD FOR MAKING SAFE AN ELECTRONIC CRYPTOGRAPHY ASSEMBLY WITH A SECRET KEY**

(57) Abstract: An aim of this invention is to eliminate the risks of aggression "DPA of the n order" attacks, for all n values, of cryptography electronic assemblies or systems with a secret or private key. The process according to this invention concerns a securing process for an electronic system using a cryptographic calculation procedure using a secret key. The process consists of masking intermediate results in input or output of at least one critical function for the said procedure.